

identifying a component configured to upload digitally-captured image data, the identification based on type information received from the digital image storage device; executing the upload component to cause the digitally-captured image data to be retrieved from the digital image storage device and transmitted to an image repository.

2. (Unamended From Previous Version) A method according to Claim 1, wherein identifying a component configured to upload the digitally-captured image data is initiated in response to detection of the digital image storage device and receipt of the type information from the digital image storage device.

3. (Unamended From Previous Version) A method according to Claim 1, wherein the digital image storage device is a digital camera.

4. (Unamended From Previous Version) A method according to Claim 1, wherein the digital image storage device is a scanning device.

5. (Unamended From Previous Version) A method according to Claim 1, wherein the digital image storage device is a video device.

6. (Unamended From Previous Version) A method according to Claim 1, wherein the digital image storage device is a removable storage media reader.

7. (Unamended From Previous Version) A method according to Claim 1, wherein identifying a component for use in uploading digitally-captured image data further comprises:

identifying the component using a mapping between the upload component and the type information received from the digital image storage device;

identifying a location of the upload component; and

retrieving the upload component from the identified location.

8. (Unamended From Previous Version) A method according to Claim 1, wherein the type identifies a manufacturer of the digital image storage device.

9. (Unamended From Previous Version) A method according to Claim 1, wherein the type identifies a model of the digital image storage device.

10. (Unamended From Previous Version) A method according to Claim 1, wherein the image repository is a server.

11. (Unamended From Previous Version) A method according to Claim 10, wherein the server is a cable head end.

12. (Unamended From Previous Version) A method according to Claim 11, wherein the upload component executes on a set top box.

13. (Unamended From Previous Version) A method according to Claim 1, wherein executing the upload component to retrieve the digitally-captured image data and transmit the retrieved image data to an image repository further comprises:

retrieving the digitally-captured image data into a buffer of a client computing device;

transmitting the digitally-captured image data from the client computing device to the image repository.

14. (Unamended From Previous Version) A method according to Claim 13, wherein a server controls the timing of transmitting the digitally-captured image data from the client computing device to the image repository.

15. (Unamended From Previous Version) A method according to Claim 1, further comprising:

displaying a user interface containing an option to retrieve the digitally-captured image data from storage accessible by the digital image storage device;

responsive to a selection of the option, retrieving all of the digitally-captured image data from the accessible storage;

storing the retrieved image data in an image repository; and

assigning a unique identifier to the stored image data; and

storing the unique identifier in the accessible storage.

16. (Unamended From Previous Version) A client computing device configured to receive digitally-captured image data comprising:

a driver configured to receive type information identifying a digital image storage device;

a first portion of an upload component configured to cause a second portion of the upload component to be loaded in response to the type information identifying the digital image storage device;

the second portion of the upload component configured to transmit digitally-captured image data and associated information to an external storage device.

17. (Unamended From Previous Version) A client computing device according to Claim 16, wherein the external storage device is a server, the second portion of the upload component configured to transmit the digitally-captured image data to the server via an upload proxy resident on the server.

18. (Unamended From Previous Version) A client computing device according to Claim 16, further comprising a user interface for displaying an option to retrieve digitally-captured image data, in response to which the second portion of the upload component is configured to upload the digitally-captured image data to the external storage device and cause a unique identifier associated with the stored image data to be stored on storage media readable by the digital image storage device.

19. (Unamended From Previous Version) A method of uploading digitally-captured image data from storage of a digital image storage device, the method comprising:

displaying a user interface containing an option to retrieve digitally-captured image data accessible by a digital image storage device;

responsive to a selection of the option, retrieving all of the digitally-captured image data from storage of the digital image storage device;

storing the retrieved image data in an image repository; and

assigning a unique identifier to the stored image data; and

storing the unique identifier in storage of the digital image storage device.

20. (Unamended From Previous Version) A method according to Claim 19, wherein the image repository is a server.

21. (Unamended From Previous Version) A method according to Claim 19, further comprising:

retrieving the stored digitally-captured image data from the image repository using the unique identifier in storage of the digital image storage device.

22. (Unamended From Previous Version) A server configured to store digitally-captured image data accessible by a digital image storage device comprising:
a receiving component configured to receive signals containing the digitally-captured image data and associated information;

a token generator for generating a token for the digitally-captured image data;
storage for storing the digitally-captured image data and the token; and
a sending component configured to forward the token for storage by the digital image storage device.

23. (Unamended From Previous Version) A server according to Claim 22, wherein the receiving component receives a request containing the token, the server further configured to retrieve the associated digitally-captured image data from the server's storage and forward the image data in response to the request.

24. (Unamended From Previous Version) A server according to Claim 22, wherein the server is a cable head end.

25. (Unamended From Previous Version) A server according to Claim 23, wherein the signals are received from a set top box.

26. (Unamended From Previous Version) A server according to Claim 25, wherein the server is further configured to download an upload component for execution on the set top box.

27. (Unamended From Previous Version) A computer-readable memory medium in which computer-executable process steps are stored, the process steps for retrieving digitally-captured image data from storage, wherein the process steps comprise:

a detecting step to detect a signal from a digital image storage device, the digital image storage device capable of accessing the digitally-captured image data;

an identifying step to identify a component configured to upload digitally-captured image data, the identification based on type information received from the digital image storage device;

an executing step to execute the upload component to cause the digitally-captured image data to be retrieved from the digital image storage device and transmitted to an image repository.

28. (Unamended From Previous Version) A computer-readable memory medium according to Claim 27, wherein the identifying step to identify a component configured to upload the digitally-captured image data is initiated in response to detection of the digital image storage device and receipt of the type information from the digital image storage device.

29. (Unamended From Previous Version) A computer-readable memory medium according to Claim 27, wherein the digital image storage device is a digital camera.

30. (Unamended From Previous Version) A computer-readable memory medium according to Claim 27, wherein the digital image storage device is a scanning device.

31. (Unamended From Previous Version) A computer-readable memory medium according to Claim 27, wherein the digital image storage device is a video device.

32. (Unamended From Previous Version) A computer-readable memory medium according to Claim 27, wherein the digital image storage device is a removable storage media reader.

33. (Unamended From Previous Version) A computer-readable memory medium according to Claim 27, wherein the identifying step to identify a component for use in uploading digitally-captured image data further comprises:

an identifying step to identify the component using a mapping between the upload component and the type information received from the digital image storage device;

an identifying step to identify a location of the upload component; and

a retrieving step to retrieve the upload component from the identified location.

34. (Unamended From Previous Version) A computer-readable memory medium according to Claim 27, wherein the type identifies a manufacturer of the digital image storage device.

35. (Unamended From Previous Version) A computer-readable memory medium according to Claim 27, wherein the type identifies a model of the digital image storage device.

36. (Unamended From Previous Version) A computer-readable memory medium according to Claim 27, wherein the image repository is a server.

37. (Unamended From Previous Version) A computer-readable memory medium according to Claim 36, wherein the server is a cable head end.

38. (Unamended From Previous Version) A computer-readable memory medium according to Claim 37, wherein the upload component executes on a set top box.

39. (Unamended From Previous Version) A computer-readable memory medium according to Claim 27, wherein the executing step to execute the upload component to retrieve the digitally-captured image data and transmit the retrieved image data to an image repository further comprises:

a retrieving step to retrieve the digitally-captured image data into a buffer of a client computing device;

a transmitting step to transmit the digitally-captured image data from the client computing device to the image repository.

40. (Unamended From Previous Version) A computer-readable memory medium according to Claim 39, wherein a server controls the timing of transmitting the digitally-captured image data from the client computing device to the image repository.

41. (Unamended From Previous Version) A computer-readable memory medium according to Claim 27, further comprising:

a displaying step to display a user interface containing an option to retrieve the digitally-captured image data accessible from storage by the digital image storage device;

responsive to a selection of the option, a retrieving step to retrieve all of the digitally-captured image data from accessible storage;

a storing step to store the retrieved image data in an image repository;

an assigning step to assign a unique identifier to the stored digitally-captured image data; and

a storing step to store the unique identifier in the accessible storage.

42. (Unamended From Previous Version) Computer-executable program code stored in a computer-readable medium, the computer-executable program code for retrieving digitally-captured image data from storage, wherein the process steps comprise:

code to detect a signal from a digital image storage device, the digital image storage device capable of accessing the digitally-captured image data;

code to identify a component configured to upload digitally-captured image data, the identification based on type information received from the digital image storage device;

code to execute the upload component to cause the digitally-captured image data to be retrieved from the digital image storage device and transmitted to an image repository.

43. (Unamended From Previous Version) Computer-executable program code according to Claim 42, wherein the code to identify a component configured to upload the digitally-captured image data is initiated in response to detection of the digital image storage device and receipt of the type information from the digital image storage device.

44. (Unamended From Previous Version) Computer-executable program code according to Claim 42, wherein the digital image storage device is a digital camera.

45. (Unamended From Previous Version) Computer-executable program code according to Claim 42, wherein the digital image storage device is a scanning device.

46. (Unamended From Previous Version) Computer-executable program code according to Claim 42, wherein the digital image storage device is a video device.

47. (Unamended From Previous Version) Computer-executable program code according to Claim 42, wherein the digital image storage device is a removable storage media reader.

48. (Unamended From Previous Version) Computer-executable program code according to Claim 42, wherein the code to identify a component for use in uploading digitally-captured image data further comprises:

code to identify the component using a mapping between the upload component and the type information received from the digital image storage device;

code to identify a location of the upload component; and

code to retrieve the upload component from the identified location.

49. (Unamended From Previous Version) Computer-executable program code according to Claim 42, wherein the type identifies a manufacturer of the digital image storage device.

50. (Unamended From Previous Version) Computer-executable program code according to Claim 42, wherein the type identifies a model of the digital image storage device.

51. (Unamended From Previous Version) Computer-executable program code according to Claim 42, wherein the image repository is a server.

52. (Unamended From Previous Version) Computer-executable program code according to Claim 51, wherein the server is a cable head end.

53. (Unamended From Previous Version) A computer-readable memory medium according to Claim 52, wherein the upload component executes on a set top box.

54. (Unamended From Previous Version) Computer-executable program code according to Claim 42, wherein code to execute the upload component to retrieve the digitally-captured image data and transmit the retrieved image data to an image repository further comprises:

code to retrieve the digitally-captured image data into a buffer of a client computing device;

code to transmit the digitally-captured image data from the client computing device to the image repository.

55. (Unamended From Previous Version) Computer-executable program code according to Claim 54, wherein a server controls the timing of transmitting the digitally-captured image data from the client computing device to the image repository.

56. (Unamended From Previous Version) Computer-executable program code according to Claim 42, further comprising:

- code to display a user interface containing an option to retrieve the digitally-captured image data from storage accessible by the digital image storage device;
- responsive to a selection of the option, code to retrieve all of the digitally-captured image data from the accessible storage;
- code to store the retrieved image data in an image repository;
- code to assign a unique identifier to the stored image data; and
- code to store the unique identifier in the accessible storage.

57. (Unamended From Previous Version) A computer-readable memory medium in which computer-executable process steps are stored, the process steps for uploading digitally-captured image data from storage of a digital image storage device, wherein the process steps comprise:

- a displaying step to display a user interface containing an option to retrieve digitally-captured image data accessible by a digital image storage device;
- responsive to a selection of the option, a retrieving step to retrieve all of the digitally-captured image data from storage of the digital image storage device;
- a first storing step to store the retrieved image data in an image repository;

and

- an assigning step to assign a unique identifier to the stored image data; and
- a second storing step to store the unique identifier in storage of the digital image storage device.

58. (Unamended From Previous Version) A computer-readable memory medium according to Claim 57, wherein the image repository is a server.

59. (Unamended From Previous Version) A computer-readable memory medium according to Claim 57, further comprising:

a retrieving step to retrieve the stored image data from the image repository using the unique identifier in storage of the digital image storage device.

60. (Unamended From Previous Version) Computer-executable program code stored on a computer-readable medium, said computer-executable code for uploading digitally-captured image data from storage of a digital image storage device, wherein the computer-executable program code comprise:

code to display a user interface containing an option to retrieve digitally-captured image data accessible by the digital image storage device;

responsive to a selection of the option, code to retrieve all of the digitally-captured image data from storage of the digital image storage device;

code to store the retrieved image data in an image repository; and

code to assign a unique identifier to the stored image data; and

code to store the unique identifier in storage of the digital image storage device.

61. (Unamended From Previous Version) Computer-executable program code according to Claim 60, wherein the image repository is a server.

62. (Unamended From Previous Version) Computer-executable program code according to Claim 60, further comprising:
code to retrieve the stored image data from the image repository using the unique identifier in storage of the digital image storage device.

Please add the following new claims:

63. (New) A method of controlling transfer device transferring data stored in a connected digital device to an external storage device, the method comprising:
storing data retrieved from said digital device temporarily in a storage device;
communicating with said external storage device;
transmitting said stored data to said external storage device by control of said external storage device; and
retrieving at least a part of said data before said external storage device becomes ready to receive data and storing in said storage device.

64. (New) A method according to Claim 63, wherein said external storage device remotely controls said transfer device.

65. (New) A method according to Claim 63, wherein transferring data to said external storage device is synchronous to retrieving image from said digital device when said digital device is connected.

66. (New) A transfer device for transferring data stored in a connected digital device to an external storage device, comprising:

a memory for temporary storage of data retrieved from said digital device;

communicating unit for communicating with said external storage device;

transmitting unit for transmitting data stored in said memory to said external storage device by control of said external storage device; and

retrieving unit for retrieving at least a part of said data before said external storage device becomes ready to receive data and storing in said memory.

67. (New) A transfer device according to Claim 66, wherein said external storage device remotely controls said transfer device.

68. (New) A computer-readable memory medium in which computer-executable process steps are stored, the process steps for controlling transfer device transferring data stored in a connected digital device to an external storage device, wherein the process steps comprise:

storing step to store data retrieved from said digital device temporarily in a storage device;

a communicating step to communicate with said external storage device;

a transmitting step to transmit said stored data to said external storage device by control of said external storage device; and

a retrieving step to retrieve at least a part of said data before said external storage device becomes ready to receive data and storing in said storage device.

69. (New) A computer-readable memory medium according to Claim 68, wherein said external storage device remotely controls said transfer device.

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70. (New) A computer-readable memory medium according to Claim 68, wherein transferring data to said external storage device is synchronous to retrieving image from said digital device when said digital device is connected.
